INDEX

ALDROVANDI R. and PEREIRA J. G.: Existence of Lagrangians for the Yang-Mills equations Asanov G. S.: Finslerian fibered extension of gauge field theory: Lie-invariance in fibres and	237-243
effective Lagrangian	367-399
Asanov G. S. and Kiselev M. V.: Comparing the Finslerian gauge approach with the	307-399
$SU(3) \times SU(2) \times U(1)$ -model	401-411
BATES L.: Symmetry preserving deformations of the Kepler problem	413-428
BINZ E.: Isometric Euclidean embeddings of a compact manifold form a Fréchet manifold	157-167
Dell'antonio A. F.: Non-linear electrostatics in inhomogeneous media	169–189
FORTE B. and HUGHES W.: The maximum entropy principle: a tool to define new entropies	227–235
FRIEDRICH J. and KLOTZ L.: On extensions of positive definite operator-valued functions	45–65
JANECZKO S. and KOWALCZYK A.: Stability criteria and classification of singularities for	
equivariant Lagrangian submanifolds	17-44
KAZIMIERCZYK P.: On the stochastic inverse problem for the heat conduction equation	245-259
Kosyak A. V.: Extension of unitary representations of inductive limits of finite dimensional	
Lie groups	285-302
KOZITSKY Yu. V.: Hierarchical model of a vector ferromagnet. Self-similar block-spin	
distributions and the Lee-Yang theorem	429-445
KWAŚNIEWSKI A. K. Algebraic properties of the 3-state Potts model	191-195
KWAŚNIEWSKI A. K.: On maximally graded algebras and Walsh functions	137-142
MARINI V. and PRASTARO A.: On the conservation laws of PDEs	211-225
NEIDHARDT H.: On the orthogonal dissipative Lax-Phillips scattering theory	121-136
NIZHNIK L. P.: The inverse scattering problems for the hyperbolic equations and their	
application to non-linear integrable systems	261-283
PARCZYK K. and Masłowski T.: Thermodynamic limit and central limit theorem for point	201 205
random fields in non-ergodic case	1-15
Pulmannova S.: Joint distributions of observables on spectral logics	67-71
Roy Sisir: Probabilistic Finsler geometry and the 4π -periodicity factor of a spinor wave	07-71
	361-366
function	143-150
RUSKAI M. B. Extremal properties of relative entropy in quantum statistical mechanics	
RZEWUSKI J.: I. Quantization as group extension	335-359
SCHROEK F. E.: Quantum fields for reproducing kernel Hilbert spaces	197–209
SCHRÖTER J.: An aviomatic basis of space-time theory. Part I: Construction of a causal space	
with coordinates	303-333
Sławianowski J. J.: Affinely rigid body and Hamiltonian systems on $GL(n, R)$	73–119
BOOK REVIEWS	
HESTENES D.: New Foundations for Classical Mechanics (ref. B. Jancewicz)	151-154
VARADARAIAN V. S.: Geometry of Quantum Theory (ref. W. Daniel).	154-156

